

**From:** FCDMC Flood Info <fcdmcfloodinfo@service.govdelivery.com>  
**Sent:** Friday, July 17, 2015 11:09 AM  
**To:** Daniel Henz - FCDX  
**Subject:** Message 2 Flash Flood Watch for 07/17/15 All MSP Forecast Zones



**Date:** Friday July 17, 2015  
**Time:** 11:10 AM MST  
**Forecaster:** Henz, D.  
**Phone:** 602-506-8701 (Alert Room), 602-768-2000 (Cell)

## **MESSAGE 2 FLASH FLOOD WATCH**

### **Comments:**

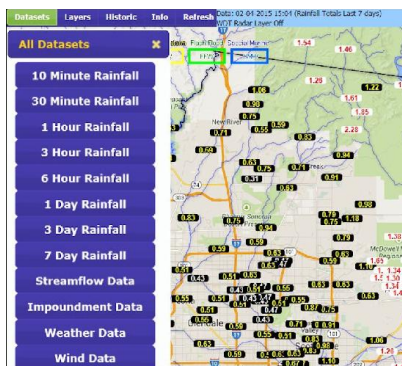
A mid/high grade Monsoon pattern is forecast to evolve across the Desert Southwest over the next 24-36hrs. Hurricane Dolores, currently spinning well off west coast of Baja California, will continue to move NW as it slowly weakens into Sunday. Beginning today, a significant tropical moisture plume will surge northward out of the Gulf of California and Sonora, MX into Arizona. Current area dewpoints are running in the upper 50s to low 60s with precipitable water running around 1.50". These values are expected rise further later this evening into Saturday as moisture pools across the southern half of the state.

Daytime heating and forcing from a remnant MCV moving across the region will likely lead to the development of scattered showers and thunderstorms this afternoon/evening across southcentral AZ. Subsequent waves of activity will then be possible during the overnight hours and again on Saturday from local triggers and an unstable air mass. Given the amount of moisture in place, any stronger storms that develop will be very efficient rain makers capable of heavy rainfall rates upwards of 1.00"-2.00"/hour. South/southwesterly steering flow may also aid in storm training and orographic enhancement as storms move north/northeast into the higher terrain regions of Maricopa County. Areas in and around the Valley will be prone to urbanized flooding and water ponding on roadways with any t-storm activity later today and tomorrow. Initially dry non-urbanized watersheds will become susceptible to flash flooding and runoff in area washes after any follow-up rounds of heavy rain overnight tonight and again on Saturday. Given the factors above, a MSP Flash Flood Watch is valid today beginning at 5pm lasting through 11pm Saturday July 18th for all of the Forecast Zones.

Forecast Zone	Watch is Valid (X)	Valid Time
Gila Bend		5pm Today – 11pm 7/18
Palo Verde		5pm Today – 11pm 7/18
Rainbow Valley		5pm Today – 11pm 7/18
West Valley		5pm Today – 11pm 7/18
Northwest Valley		5pm Today – 11pm 7/18
Upper Centennial		5pm Today – 11pm 7/18
Wickenburg		5pm Today – 11pm 7/18
New River/Cave Cr		5pm Today – 11pm 7/18
Sycamore Creek		5pm Today – 11pm 7/18
Phoenix North		5pm Today – 11pm 7/18
Phoenix South		5pm Today – 11pm 7/18
Scottsdale North		5pm Today – 11pm 7/18
Scottsdale South		5pm Today – 11pm 7/18
Southeast Valley		5pm Today – 11pm 7/18
Lwr. Salt R. Lakes		5pm Today – 11pm 7/18
Superstition		5pm Today – 11pm 7/18

Note: A Flash Flood Watch is issued when conditions are developing that could result in flash flooding.

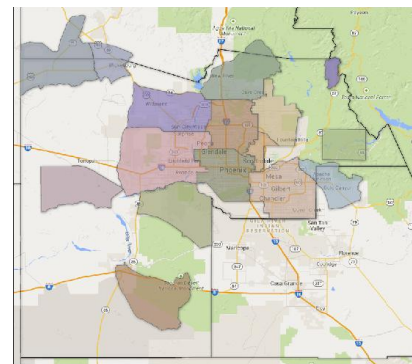
This **Watch** is not intended for public dissemination. Please expedite this information to affected emergency response organizations (police, fire, transportation, etc.) within your area. Also, please take appropriate actions to prepare for possible flooding. Further information will be provided as it becomes available.



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